

ABSTRACT OF THE DISCLOSURE

A method and a device for shutting down a drive during a power outage are disclosed. The method and device include a matrix converter, several commutation capacitors on the power line side, a switch unit on the power line side and a resistor unit. During a power outage, the matrix converter is immediately disconnected from the power supply, and the resistor unit is connected to the input terminals of the matrix converter in such a way that the amplitude of a voltage applied to the resistor unit equals the amplitude of an actual capacitor voltage space vector, and ^{the speed setpoint} ~~a nominal speed value~~ is set to zero. This enables a drive with a matrix converter to be shut down during a power outage by way of a pulsed resistor.